Substitute Form PTO (Modified)

(37 CFR §1.98(b))

U.S. Department of Commerce Ratent and Trademark Office

Attorney's Docket No. 07917-120001

Application No. 09/933.915

Information Disclosure Statement by Applicant (Use several sheets if necessary)

Applicant

Paul R. Odgren, et al.

Filing Date August 20, 2001 Group Art Unit 1645

U.S. Patent Documents Examiner Desig. Patent Filing Date Initial ID Number Issue Date Patentee **Subclass** Class If Appropriate /LD /} AA 5,767,244 06/16/98 Goeddel et al. AB 4,356,261 10/26/82 Kuettner AC 5,786,217 07/28/98 Tubo et al. MAR 0 5 2002 AD 5,723,331 03/03/98 Tubo et al. Foreign Patent Documents or Published Foreign Patent Applications Examiner Desig. **Document** Publication Country or Translation Initial ID Number Patent Office Date Class **Subclass** Yes I KNo ΑE Other Documents (include Author, Title, Date, and Place of Publication) Examiner Desig. Initial ID Document Anderson et al., "Inhibition of Human Cytomegalovirus Immediate-Early Gene Expression by an BDIT AF Antisense Oligonucleotide Complementary to Immediate-Early RNA", Antimicrob Agents Chemother, 40:2004-2011, 1996. Anderson et al., "A homologue of the TNF receptor and its ligand enhance T-cell growth and AG dendritic-cell function", Nature, 390:175-179, 1997. Boyan et al., "Differential Expression of Phenotype by Resting Zone and Growth Region AH Costochondral Chondrocytes In Vitro", Bones, 9:185-194, 1988. Cielinski et al., "Dental Abnormalities in the Osteopetrotic Rat Mutation Microphthalmia Blanc", ΑI Arch. Oral Biol., 39:985-990, 1994. Cielinski, M.J. and Marks, S.C., Jr., "Neonatal Reductions in Osteoclast Number and Function Account for the Transient Nature of Osteopetrosis in the Rat Mutation Microphthalmia Blanc ΑJ (mib)", Bone 15:707-715, 1994. Crooke et al., "Pharmacokinetic Properties of Several Novel Oligonucleotide Analogs in mice", J. AK Pharmacol. Exp., 277:923-937, 1996. Kong et al., "OPGL is a key regulator of osteoclastogenesis, lymphocyte development and lymph-AL node organogenesis", Nature, 397:315-323, 1999. Kyriakides et al., "Regulation of Angiogenesis and Matrix Remodeling by Localized, Matrix-AM Mediated Antisense Gene Delivery", Mol. Ther., 3(6):842-9, 2001. Lacey et al., "Osteoprotegerin Ligand Is a Cytokine that Regulates Osteoclast Differentiation and AN Activation", Cell, 93:165-176, 1998. Locksley et al., "The TNF and TNF Receptor Superfamilies: Integrating Mammalian Biology", Cell, AO 104(4):487-501, 2001. Odgren et al., "The Toothless Osteopetrotic Rat Has a Normal Vitamin D-Binding Protein-Macrophage Activating Factor (DBP-MAF) Cascade and Chondrodysplasia Resistant to Treatments AP With Colony Stimulating Factor-1 (CSF-1) and/or DBP-MAF", Bone, 25:175-181, 1999. Rani et al., "Restoration of Normal Bone Development by Human Homologue of Collagen Type II AO (COL2A1) Gene in Col2a1 Null Mice", Dev. Dyn., 214:26-33, 1999. Simonet et al., "Osteoprotegerin: A Novel Secreted Protein Involved in the Regulation of Bone AR Density", Cell, 89:309-319, 1997.

Examiner Signature	Thin	Date Considered
)	1 ''/ /
EVARAINED. Initials start	a social and Denvilles they about a static - it	

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with

Substitute Form PTOE (Modified)

U.S. Department of Commerce

atent and Trademark Office

Attorney's Docket No. 07917-120001

Application No. 09/933,915

Information Disclosure Statement by Applicant

(Use several sheets if necessary)

Applicant

Paul R. Odgren, et al.

Filing Date

August 20, 2001

Group Art Unit 1645

(37 CFR §1.98(b))

U.S. Patent Documents Examiner Desig. Patent Filing Date Initial ID Issue Date Number Patentee Class **Subclass** If Appropriate Wong et al., "TRANCE Is a Novel Ligand of the Tumor Necrosis Factor Receptor Family That BOH AS Activates c-Jun N-terminal Kinase in T Cells", J. Biol. Chem., 272:25190-25194, 1997. Wong et al., "TRANCE, a TNF Family Member, Activates Akt. PKB through a Signaling Complex AT Involving TRAF6 and c-Src", Mol. Cell, 4:1041-1049, 1999. Wraight et al., "Antisense oligonucleotides in cutaneous therapy", Pharmacology & Therapeutics, ΑU 90:89-104, 2001. Yasuda et al., "Osteoclast differentiation factor is a ligand for osteoprotegerin/osteoclastogenesis-ΑV inhibitory factor and is identical to TRANCE/RANKL", Proc. Natl. Acad. Sci. USA, 95:3597-3602. AW GenBankTM Accession No. NM_003701, "PRI date" July 17, 2001 AX GenBankTM Accession No. NM 033012, "PRI date" July 17, 2001 AY GenBankTM Accession No. NM_003839, "PRI date" November 1, 2000 ΑZ GenBankTM Accession No. XM_006284, "PRI date" October 16, 2001 BA GenBankTM Accession No. AF018253, "PRI date" November 22, 1997 BB GenBankTM Accession No. AF019047, "PRI date" November 22, 1997 BC BD TECH CENTER 1600/2900 BE BF BG BH BI BJ BK BL BM BN BO BP BO

Examiner Signature Sure D 1 Just	Date Considered	
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with		